

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	10549905
Filing Date	2005-09-20
First Named Inventor	Dionysios Papaioannou
Art Unit	1624
Examiner Name	Jarrell, Noble E.
Attorney Docket Number	13907.02

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6344206	B1	2002-02-05	Nyuyen, Quan Lan	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² ;	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	2004/018001	WO	A1	2004-03-04	Papaioannou, Dionysios		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.J./ (04/24/2008)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10549905
Filing Date	2005-09-20
First Named Inventor	Dionysios Papaioannou
Art Unit	1624
Examiner Name	Jarrell, Noble E.
Attorney Docket Number	13907.02

1	BLAGBROUGH, I.S. et al, Polyamines and polyamine amides as potent selective receptor probes, novel therapeutic lead compounds and synthetic vectors in gene therapy, Pharmaceutical Sciences, 1997, pp. 223-233, Vol. 3 Issue 5-6, School of Pharmacy and Pharmacology, University of Bath, United Kingdom. ABSTRACT.	<input type="checkbox"/>
2	SCHULZ, STEFAN, The Chemistry of Spider Toxins and Spider Silk, Angew. Chem. Int., 1997, pp. 314-326, Vol. 36, Institute fuer Organische Chemie der Universitaet, Hamburg, Germany.	<input type="checkbox"/>
3	KARIGIANNIS, GEORGE et al, Structure, Biological Activity and Synthesis of Polyamine Analogues and Conjugates, Journal of Organic Chemistry, 2000, pp. 1841-1863, University of Patras, Patras, Greece	<input type="checkbox"/>
4	KUKSA, VLADIMIR et al, Synthesis of Polyamines, Their Derivatives, Analogues and Conjugates, Synthesis 2000, 2000, pp. 1180-1207, The Robert Gordon University, School of Applied Sciences, Thieme Medical Publishers. ABSTRACT.	<input type="checkbox"/>
5	MANFREDINI, STEFANO et al, Retinoic Acid Conjugates as Potential Antitumor Agents: Synthesis and Biological Activity of Conjugates with Ara-A, Ara-C, 3(2H)-Furanone, and Aniline Mustard Moieties, Journal of Medicinal Chemistry, 1997, pp. 3851-3857, Vol. 40, American Chemical Society.	<input type="checkbox"/>
6	MILITSOPOULOU, MARIA et al., Simple syntheses of cyclic polyamines using selectively N-tritylated polyamines and succinic anhydride, Tetrahedron Letters, 2002, pp. 2593-2596, Vol. 43, Elsevier Science Ltd.	<input type="checkbox"/>
7	VASSIS, STRATOS et al., Simple synthesis of the polyamine alkaloid tenuilobine and analogues using selectively N-tritylated polyamines and dicarboxylic acids as bridging elements, Tetrahedron Letters, 2002, pp. 2597-2600, Vol. 43, Elsevier Science Ltd.	<input type="checkbox"/>
8	VASSIS, STRATOS et al., Simple syntheses of N-alkylated spermidine fragments and analogues of the spermine alkaloid kukoamine A, Tetrahedron Letters, 2001, pp. 1579-1582, Vol. 42, Elsevier Science Ltd.	<input type="checkbox"/>
9	KARIGIANNIS, GEORGE et al., Simple fragment synthesis of all four isomers of the spermine alkaloid kukoamine, Tetrahedron Letters, 1998, pp. 5117-5120, Vol. 39, Elsevier Science Ltd.e	<input type="checkbox"/>
10	O'SULLIVAN, MARY et al., A one-step Procedure for the selective trifluoroacetylation of primary amino groups of polyamines, Tetrahedron Letters, 1995, pp.3451-3452, Vol. 36, No. 20, Elsevier Science Ltd.	<input type="checkbox"/>
11	MAMOS, PETROS et al., Simple total syntheses of N-substituted Polyamine Derivatives using N-tritylamino acids, Tetrahedron Letters, 1995, pp. 5187-5190, Vol. 36, No. 29, Elsevier Science Ltd.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10549905
Filing Date	2005-09-20
First Named Inventor	Dionysios Papaioannou
Art Unit	1624
Examiner Name	Jarrell, Noble E.
Attorney Docket Number	13907.02

12	PAPADIMOU, EVANGELIA et al., Inhibitory effects of arotinoids on tRNA biogenesis, Skin Pharmacology and Applied Skin Physiology, 2000, pp. 345-351, Vol. 13, S. Karger AG.	<input type="checkbox"/>
13	PAPADIMOU, EVANGELIA et al., Inhibition of Ribonuclease P activity by retinoids, The Journal of Biological Chemistry, 1998, pp. 24375-24378, Vol. 273, No. 38, The American Society for Biochemistry and Molecular Biology, Inc.	<input type="checkbox"/>
14	PAVLIDOU, DESPINA et al., Isolation of ribonuclease P activity from human epidermis and its regulation by retinoids in vitro, Acta Derm Venereol, 2006, pp. 114-118, Vol. 86, Acta Dermato-Venereologica, Greece.	<input type="checkbox"/>
15	PAPADIMOU, EVANGELIA et al., Retinoids inhibit human epidermal keratinocyte RNase P activity, The Journal of Biological Chemistry, 2003, pp. 457-462, Vol. 384, Walter de Gruyter, New York.	<input type="checkbox"/>
16	XU, DAQIANG et al., Ethyl trifluoroacetate: A powerful reagent for differentiating amino groups, Tetrahedron Letters, 1995, pp. 7357-7360, Vol. 36, No. 41, Elsevier Science Ltd., Great Britain.	<input type="checkbox"/>
17	BLAGBROUGH, IAN et al., Cheno-, Urso-, and deoxycholic acid spermine conjugates: Relative binding affinities for calf thymus DNA, Tetrahedron Letters, 2000, pp. 3439-3447, Vol. 56, Elsevier Science Ltd.	<input type="checkbox"/>
18	KRAKOWIAK, KRZYSZTOF et al., Selective protection of the primary amine functions of linear tetraamines using the trityl group, Synthetic Communications, 1998, pp. 3451-3459, Vol. 28(18), Marcel Dekker, Inc.	<input type="checkbox"/>
19	DE LUGA, LUIGI, Retinoids and their receptors in differentiation, embryogenesis, and neoplasia, The Faseb Journal, 1991, pp. 2924-2933, Vol. 5, National Cancer Institute, USA.	<input type="checkbox"/>
20	LOTAN, R. et al., Nuclear receptors for retinoids: mediators of retinoid effects on normal and malignant cells, Biomed & Pharmacother, 1991, pp.145-156, Vol. 45, Elsevier Paris, USA.	<input type="checkbox"/>
21	LEID, MARK et al., Multiplicity generates diversity in the retinoic acid signalling pathways, TIBS 17- OCTOBER, 1992, pp. 427-433, Vol. 17, Elsevier Science Publishers, UK.	<input type="checkbox"/>
22	GIGUERE, VINCENT et al., Identification of a receptor for the morphogen retinoic acid, Nature, Vol. 330, December 17, 1987, pp. 624-629, Nature Publishing Group.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10549905
Filing Date	2005-09-20
First Named Inventor	Dionysios Papaioannou
Art Unit	1624
Examiner Name	Jarrell, Noble E.
Attorney Docket Number	13907.02

23	PETKOVICH, MARTIN et al., A human retinoic acid receptor which belongs to the family of nuclear receptors, Nature, Vol. 330, December 3, 1987, pp. 444-450, Nature Publishing Group.	<input type="checkbox"/>
24	LIPPMAN, SCOTT M. et al., Advances in the Development of Retinoids as Chemopreventive Agents, Symposium: Diet, Natural Products and Cancer Prevention: Progress and Promise, Presented April 17-21, 1999, Washington, DC, The Journal of Nutrition Supplement, pp. 479S-482S, 2000; American Society for Nutritional Sciences.	<input type="checkbox"/>
25	PAPADIMOU, EVANGELIA et al., Modulation of ribonuclease P activity by calcipotriol, Eur. J. Biochem., Vol. 267, pp. 1173-1177, (2000), FEBS.	<input type="checkbox"/>
26	DRAINAS, D. et al., Dose-Dependent Inhibition of Ribonuclease P Activity by Anthralin, Skin Pharmacology and Applied Skin Physiology, 2000, Vol. 13, pp. 128-132, S. Karger AG, Basel.	<input type="checkbox"/>
27	PAPADIMOU, EVANGELIA et al., Additive Inhibitory Effect of Calcipotriol and Anthralin on Ribonuclease P Activity, Biochemical Pharmacology, Vol. 60, pp. 91-94, 2000, Elsevier Science Inc.	<input type="checkbox"/>
28	STATHOPOULOS, CONSTANTINOS et al., Partial purification and characterization of RNase P from Dictyostelium discoideum, Eur. J. Biochem., Vol. 228, pp. 976-980, (1995), FEBS.	<input type="checkbox"/>
29	FRANK, DANIEL N. et al., Ribonuclease P: Unity and Diversity in a tRNA Processing Ribozyme, Annual Review of Biochemistry, 1998, Vol. 67, pp. 153-180, Annual Reviews.	<input type="checkbox"/>
30	MANFREDINI, STEFANO et al., Retinoic Acid Conjugates as Potential Antitumor Agents: Synthesis and Biological Activity of Conjugates with Ara-A, Ara-C, 3(2H)-Furanone, and Aniline Mustard Moieties, Journal of Medicinal Chemistry, 1997, Vol. 40, No. 23, pp. 3851-3857, American Chemical Society.	<input type="checkbox"/>
31	ASTROM, ANDERS et al., Retinoic Acid and Synthetic Analogs Differentially Activate Retinoic Acid Receptor Dependent Transcription, Biochemical and Biophysical Research Communications, Vol. 173, No. 1, 1990, pp. 339-345, Academic Press, Inc.	<input type="checkbox"/>
32	MICHEL, SERGE et al., Determination of Retinoid Activity by an Enzyme-Linked Immunosorbent Assay, Analytical Biochemistry, Vol. 192, pp. 232-236, (1991), Academic Press, Inc.	<input type="checkbox"/>
33	ELDER, JAMES T. et al., Retinoid Induction of CRABP II mRNA in Human Dermal Fibroblasts: Use as a Retinoid Bioassay, The Journal of Investigative Dermatology, Vol. 106, No. 3, March 1996, pp. 517-521, The Society for Investigative Dermatology, Inc.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10549905
Filing Date	2005-09-20
First Named Inventor	Dionysios Papaioannou
Art Unit	1624
Examiner Name	Jarrell, Noble E.
Attorney Docket Number	13907.02

		TSAMBAOS, DIONYSIOS, Retinoide: Ein neues Kapitel der Dermotherapie, Dermatosen in Beruf und Umwelt. Occupation and Environment, Vol. 44, No. 4, (1998), pp. 149, 162-183. (IN GERMAN LANGUAGE)	<input type="checkbox"/>
34			

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Noble Jarrell/ (04/24/2008)	Date Considered	
--------------------	------------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.J./ (04/24/2008)